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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with a single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/791,140
				Filing Date	March 2, 2004
				First Named Inventor	Ge Wang
				Art Unit	3737
				Examiner Name	P. Luong
Sheet	2	of	8	Attorney Docket Number	21087.0026U2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	J	Amirav, I., Kramer, S. S., Grunstein, M. M., and E.A. Hoffman, "Assessment of methacholine-induced airway constriction by high resolution cine computed tomography (HRCCT)," J. Applied Physiology, 1993, pp. 2239-2250, Vol. 75(5).	
	K	J. Beuthan, et al., "Optical molecular imaging: Overview and technological aspects," Med. Laser Appl., 2002, pp. 25-30, Vol. 17.	
	L	S. Bhaumik, and S. S. Gambhir, "Optical imaging of Renilla luciferase reporter gene expression in living mice," Proc. Natl. Acad. Sci., 2002, pp. 377-382, Vol. 99(1), USA.	
	M	D. A. Boas, "Diffuse Photon Probes of Structural and Dynamical Properties of Turbid Media: Theory and Biomedical Applications," 1996, Massachusetts General Hospital, Charlestown, MA, Harvard University.	
	N	D. A. Boas, et al., "The accuracy of near infrared spectroscopy and imaging during focal changes in cerebral hemodynamics," Neuroimage, 2001, pp. 76-90, Vol. 13(1).	
	O	C. Bremer, et al., "Optical-based molecular imaging: contrast agents and potential medical applications," Eur. Radiol., 2003, pp. 231-243, Vol. 13.	
	P	I. Bronstein, et al., "Chemiluminescent and bioluminescent reporter gene assays," Analytical. Biochemistry., 1994, pp. 169-181, Vol. 219(2).	
	Q	T. F. Budinger, T. F., D. A. Benaron, et al., "Imaging transgenic animals," Annu. Rev. Biomed. Eng., 1999, pp. 611-648, Vol. 1.	
	R	W.-F. Cheong, et al., "A review of the optical properties of biological tissues," IEEE Journal of Quantum Electronics, 1990, pp. 2166 - 2185, Vol. 26.	
	S	C. H. Contag, et al., "Use of reporter genes for optical measurements of neoplastic disease in vivo," Neoplasia, 2000, pp. 41-52, Vol. 2(1-2).	

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	T	C. H. Contag, et al., "Advances in in vivo bioluminescence imaging of gene expression," Annual. Rev. Biomed. Eng., 2000, pp. 235-260, Vol. 4.	
	U	S. M. Graham, et al., "Preoperative assessment of obstruction with computed tomography image analysis," Am. J. Otolaryngol., 2000, pp 263-270, Vol. 21(4).	
	V	J. Hardy, et al., "Bioluminescence imaging of lymphocyte trafficking in vivo," Experimental. Hematology, 2001, pp. 1353-1360, Vol. 129(12).	
	W	R. C. Haskell, et al., "Boundary conditions for the diffusion equation in radiative transfer," J. Opt. Soc. Am. A, 1994, pp. 2727 - 2741, vol. 11(10).	
	X	J. W. Hastings, "Chemistries and colors of bioluminescent reactions: a review," Gene., 1996, pp. 5-11, Vol. 73.	
	Y	M. Jiang and G. Wang, "Convergence Studies on Iterative algorithms for image reconstruction," IEEE Trans. on Medical Imaging, 2002, pp. 569-579, Vol. 22(5).	
	Z	M. Jiang and G. Wang, "Development of Iterative Algorithms for Image Reconstruction," Journal of X-Ray Science and Technology, 2002, pp.77-86, Vol. 10.	
	AA	A. D. Kim et al., "Light propagation in biological tissue," J. Opt. Soc. Am. A, 2003, pp. 92 - 98, Vol. 20(1).	
	AB	W. F. Kolbe and B. T. Turko, "Recovery of very low intensity CCD images from noise," IEEE Trans. Nuclear Science, 1989, pp. 731-733, Vol. 36(1).	
	AC	Liu, Y., H. Liu, et al., "Half-scan cone-beam CT fluoroscopy with multiple x-ray sources," Med. Phys., 2001, pp. 1466-1471, Vol. 28(7).	

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	AD	V. Ntziachristos, et al., "Fluorescence molecular tomography resolves protease activity in vivo," Nature Medicine, 2002, pp. 757 - 760, Vol. 8(7).	
	AE	V. Ntziachristos, et al. "Concurrent MRI and diffuse optical tomography of breast aRer indocyanine green enhancement," Proc. Natl. Acad. Sci. U. S. A., 2000, pp. 2767-2772, Vol. 97(6).	
	AF	V. Ntziachristos, et al., "Diffuse optical tomography of highly heterogeneous media," IEEE Trans. Med. Imaging, 2001, pp. 470-478, Vol. 20(6).	
	AG	M. O'Leary, "Imaging with Diffuse Photon Density Waves," 1996. Massachusetts General Hospital. Charlestown, MA, Harvard University.	
	AH	B. W. Pogue, et al., "Initial assessment of a simple system for frequency domain diffuse optical tomography," Phys. Med. Biol., 1995, pp. 1709-1729, Vol. 140(10).	
	AI	A. Rehemtulla, et al., "Rapid and quantitative assessment of cancer treatment response using in vivo bioluminescence imaging," Neoplasia, 2000, pp 491-495, Vol. 2(6).	
	AJ	B. W. Rice, et al., "In vivo imaging of light-emitting probes," J. Biomed. Opt., 2001, pp. 432 - 440, Vol. 6(4).	
	AK	L. A. Shepp and Y. Vardi, "Maximum likelihood restoration for emission tomography," IEEE Trans. Med. Imaging, 1982, pp. 113-122, Vol. 1.	
	AL	J. Tanifuji and M. Hijikata., "Finite difference time domain (FDTD) analysis of optical pulse responses in biological tissues for spectroscopic diffused optical tomography," IEEE Trans. Med. Imaging, 2002, pp. 181-184, Vol. 21(2).	
	AM	U. Utzinger, et al., "Fiber optic probes for biomedical optical spectroscopy," Journal Of Biomedical Optics, 2003, pp. 121-147, Vol. 8(1).	

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				Examiner Name	P. Luong
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	AN	G. Wang and P. C. Cheng, "Feldkamp-type cone-beam reconstruction: Revisited," Zoological Studies, 1995, pp. 159-161, Vol. 34(S).	
	AO	G. Wang, et al., "Guest editorial: Multi-row-detector and cone-beam spiral/helical CT," IEEE Trans. Medical Imaging, 2000, pp. 817-821, Vol. 19.	
	AP	G. Wang and M. W. Vannier, et al., "Fast iterative algorithm for metal artifact reduction in X-ray CT," Acad. Radiol., 2000, pp. 607-614, Vol. 7.	
	AQ	G. Wang, et al., "Error analysis on the generalized Feldkamp cone-beam computed tomography algorithm," Scanning, 1995, pp. 361-370, Vol. 17.	
	AR	Wang G., et al., "A Study on the section sensitivity profile in multi-row-detector spiral CT," Journal of X-Ray Science and Technology, 2003, pp. 1-11, Vol. 11.	
	AS	G. Wang, et al., "An iterative algorithm for X-ray CT fluoroscopy," IEEE Transactions on Medical Imaging, 1998, pp. 853-856, Vol. 17.	
	AT	G. Wang, et al., "Temporal bone volumetric image deblurring in spiral CT," Academic Radiology, 1995, pp. 888-895, Vol. 2.	
	AU	Wang G., et al., "Iterative deblurring for CT metal artifact reduction," IEEE Trans. on Medical Imaging, 1996, pp. 657-664, Vol. 15.	
	AV	G. Wang, et al., "Local computed tomography via iterative deblurring," Scanning, 1996, pp. 582-588, Vol. 18.	
	AW	Wang G., Vannier M. W., "Micro-CT scanners for biomedical applications: an overview," Advanced Imaging, 2001, pp. 18,22-27, Vol. 16., www.advancedimagingmag.com.	

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	AX	G. Wang, et al. "Cone-beam X-ray tomographic and stereo-imaging," Biomedical Engineering-Applications, Basis & Communications, 1996, pp. 261-271, Vol. 8.	
	AY	Wang, G., Lin TH, et al., "A general cone-beam reconstruction algorithm," IEEE Trans. on Medical Imaging, 1993, pp. 486-496, Vol. 13.	
	AZ	S. Wood, et al., "Measurement of Three-Dimensional Lung Tree Structures Using Computed Tomography," J. Appl. Physiol., 1995, pp. 1687-1697, Vol. 79(5).	
	BA	S. Zhao and G. Wang, "Feldkamp-type cone-beam tomography in the wavelet framework," IEEE Trans. Med. Imaging, 2000, pp. 922-929, Vol. 19(9).	
	BB	C. H. Contag et al., "It's not just about anatomy: in vivo bioluminescence imaging as an eyepiece into biology." J. Magn. Reson. Imaging, 2002, pp. 378-387, Vol. 16(4).	
	BC	P. R. Contag et al., "Whole-animal cellular and molecular imaging to accelerate drug development," Drug Discovery. Today, 2002, pp. 555-562, Vol. 7(10).	
	BD	M. Defrise, et al., "A solution to the long-object problem in helical cone-beam tomography," Phys. Med. Biol., 2000, pp. 623-643, Vol. 45(3).	
	BE	D. Farkas, et al., "Applications of spectral imaging: Detection and analysis of human melanoma and its precursors," Pigment Cell. Res., 2001, pp. 2-8, Vol. 14(1).	
	BF	P. Grenier, et al. "High-resolution computed tomography of the airways." J. Thoracic Imag., 1993, pp. 213-229, Vol. 8(3).	
	BG	A. H. Hielscher et al., "Near-infrared diffuse optical tomography," Disease. Markers, 2002, pp. 313-337, Vol. 18(5-6).	

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	BH	Hoffman, E. A., et al., "VIDA: An environment for multidimensional image display and analysis," SPIE Biomedical Image Processing and Three-Dimensional Microscopy, San Jose, CA, Bellingham, Wa, SPIE, 1992, pp. 694-711, Vol. 1660.	
	BI	M. J. Holboke, et al., "Three-dimensional diffuse optical mammography with ultrasound localization in a human subject," J. Biomed. Opt., 2000, pp. 237-247, Vol. 5(2).	
	BJ	B. Li, et al., "3-D inter-subject warping and registration of pulmonary CT images for a human lung model," Proc. SPIE Medical Imaging 2002: Physiology and Function from Multidimensional Images, San Diego, CA., 2002, pp. 324-335, Vol. 4683.	
	BK	J. M. Reinhardt and E. A. Hoffman, "Quantitative pulmonary imaging: Spatial and temporal considerations in HRCT," Acad. Radiol., 1998, pp. 539-546, Vol. 5(8).	
	BL	B. D. Ross et al., "Magnetic resonance imaging in cancer research," European. Journal. Of Cancer, 2002, pp. 2147-2156, Vol. 38(16).	
	BM	A. J. Sherbondy, et al., "Virtual Bronchoscopy Approach for Combining 3D CT and Endoscopic Video," SPIE Medical Imaging 2000: Physiology and Function from Multidimensional Images, 2000, pp. 104-116, Vol. 3978.	
	BN	K. Tajik et al, "Subsecond multisection CT of regional pulmonary ventilation," Acad. Radiol., 2002, pp. 130-146, Vol. 9(2).	
	BO	G. Wang, et al., "Scanning cone-beam reconstruction algorithms for x-ray microtomography," Proc. SPIE Scanning Microscopy Instrumentation, 1991, pp. 99-112, Vol. 1556.	
	BP	G. Wang, et al., "Cone-beam reconstruction for micro-CT," The 2002 IEEE International Symposium on Biomedical Imaging, Washington DC, 2002, pp. 384-387.	
	BQ	L. Zhang and J. Reinhardt, "Detection of Lung Lobar Fissures using Fuzzy Logic," Medical Imaging 1999: Physiology and function from multidimensional images, San Diego, CA, Proc. SPIE, 1999, pp. 188-199, Vol. 3660.	

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	BR	Amendment entered with Filing of RCE filed 12-22-2010 for U.S. Application No. 11/444,282, filed 5-31-2006 (Inventors: - Wang et al.)	
	BS	Final Rejection issued 9-28-2010 for U.S. Application No. 11/444,282, filed 5-31-2006 (Inventors: - Wang et al.)	
	BT	Response to Non-Final Action filed 3-25-2010 for U.S. Application No. 11/444,282, filed 5-31-2006 (Inventors: - Wang et al.)	
	BU	Non-Final Rejection issued 10-26-2009 for U.S. Application No. 11/444,282, filed 5-31-2006 (Inventors: - Wang et al.)	
	BV	Response to Election/Restriction filed 7-29-2009 for U.S. Application No. 11/444,282, filed 5-31-2006 (Inventors: Wang et al.)	
	BW	Requirement for Restriction/Election issued 3-18-2009 for U.S. Application No. 11/444,282, filed 5-31-2006 (Inventors: - Wang et al.)	
	BX	International Preliminary Report on Patentability issued 9-16-2005 for Intl. App. No. PCT/US04/006360, filed 3-2-2004 (Applicant - University of Iowa Research Foundation; Inventors: Wang et al)	
	BY	International Search Report issued 5-20-2005 in Intl. App. No. PCT/US04/006360, filed 3-2-2004 (Applicant: University of Iowa Research Foundation; Inventors: Wang et al)	
	BZ	Written Opinion issued 5-20-2005 in Intl. App. No. PCT/US04/006360, filed 3-2-2004 (Applicant: University of Iowa Research Foundation; Inventors: Wang et al)	

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